

# Chestnut Street over South Douglas Creek Bridge Replacement

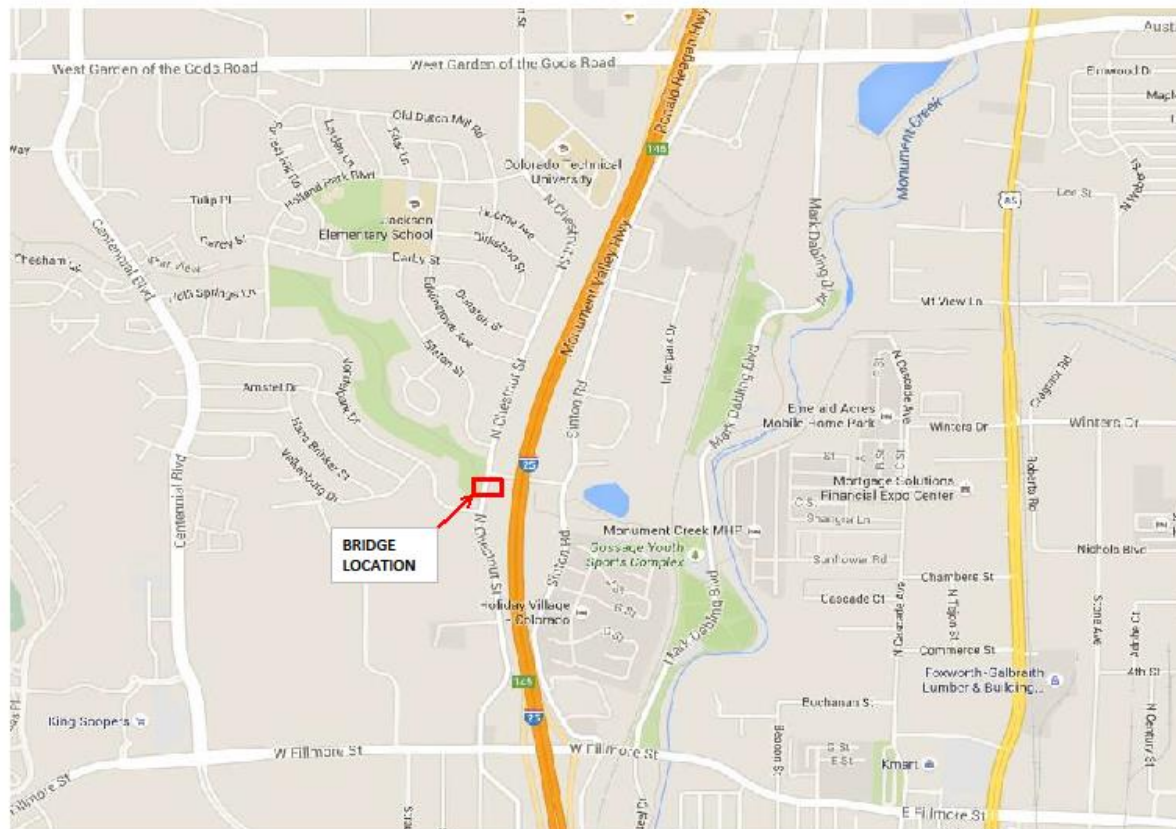
PPRTA - Board

September 9, 2015

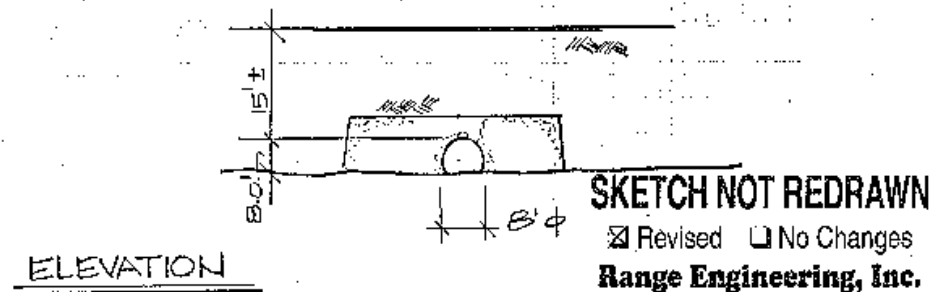
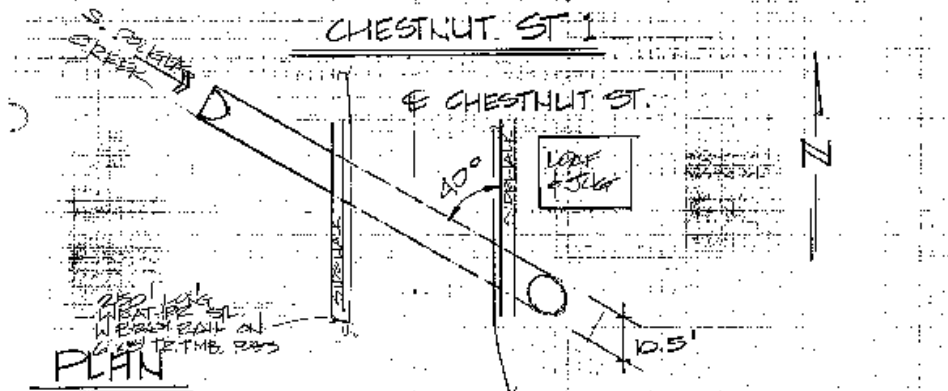
Mike Chaves, PE – Engineering Manager

Aaron Egbert, PE - Senior Civil Engineer

# Location Map



# Sketch

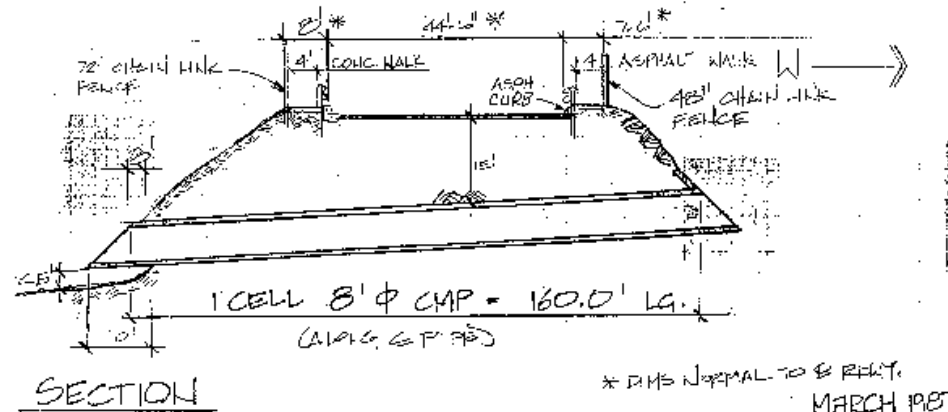


**SKETCH NOT REDRAWN**

☒ Revised ☐ No Changes

**Range Engineering, Inc.**

Date: 1/31/95 By: JIM INGLIS



# July 2014 Culvert Failure

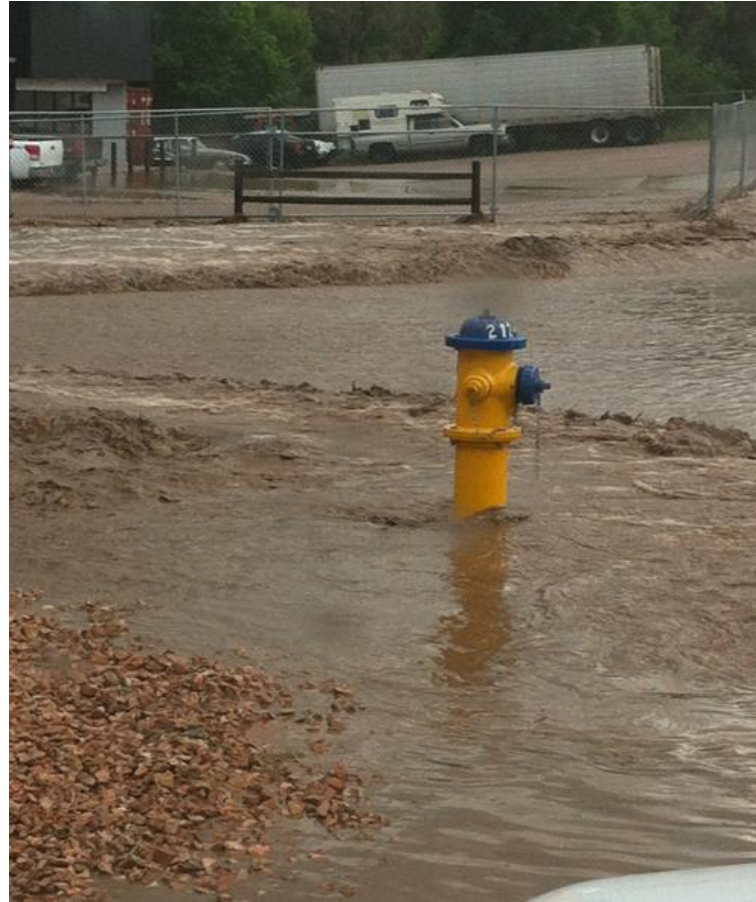




# July 2014 Culvert Repair



# August 10, 2015 Storm Event





# August 10, 2015 Storm Event



# August 2015 Culvert Failure





# Exposed Utilities



# Culvert Outlet



# Collapsed Culvert















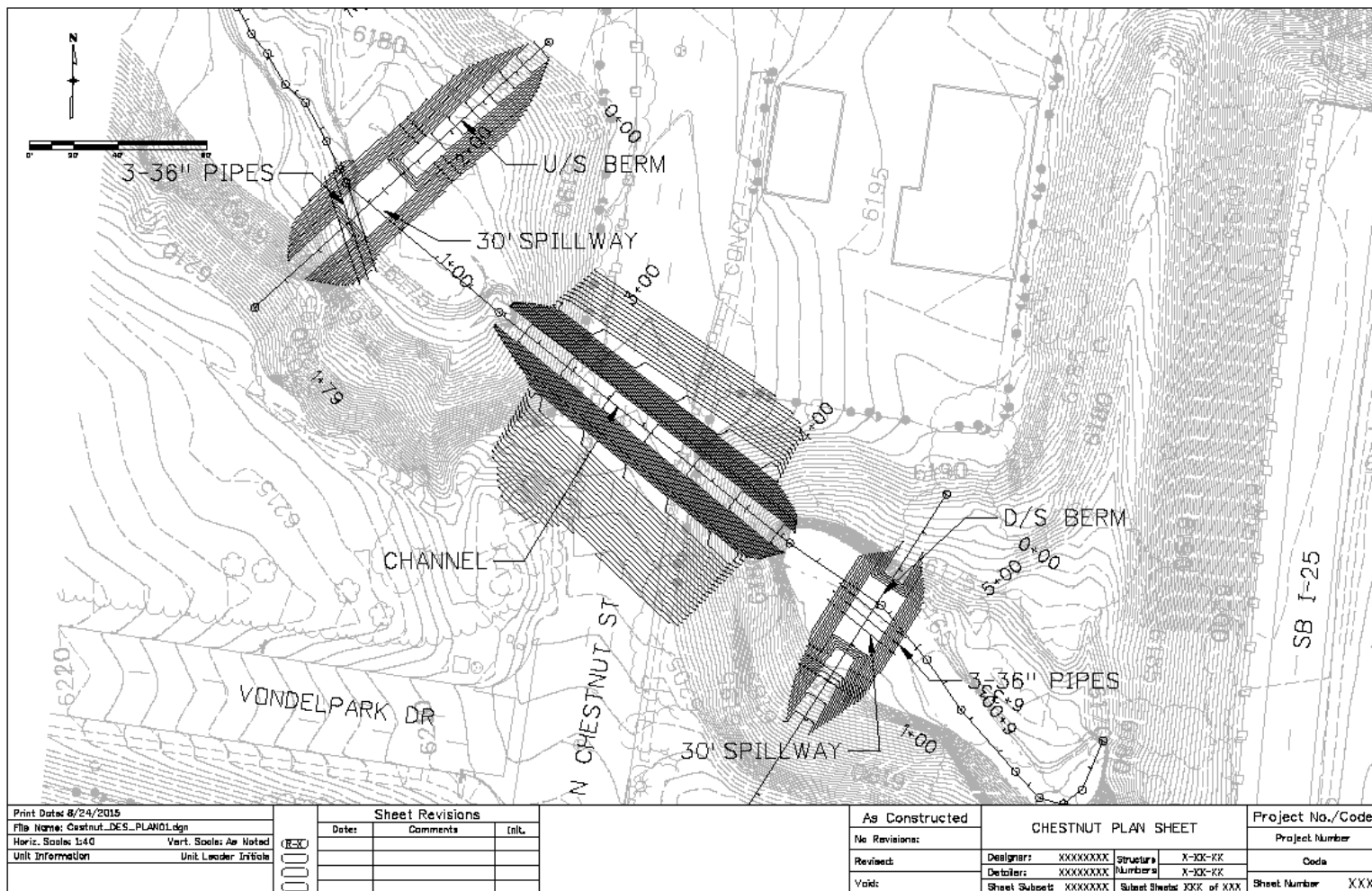




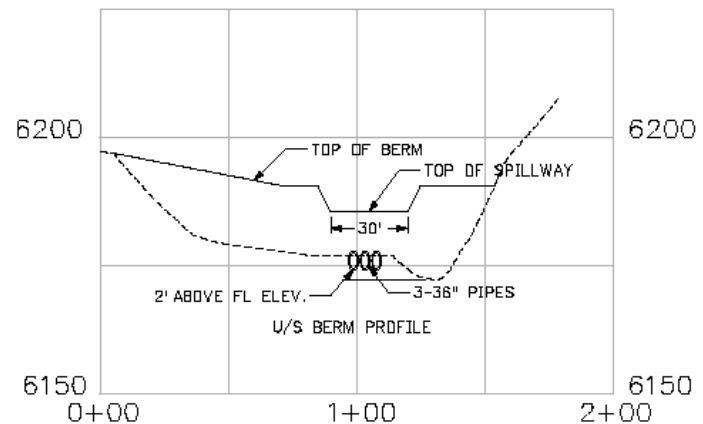
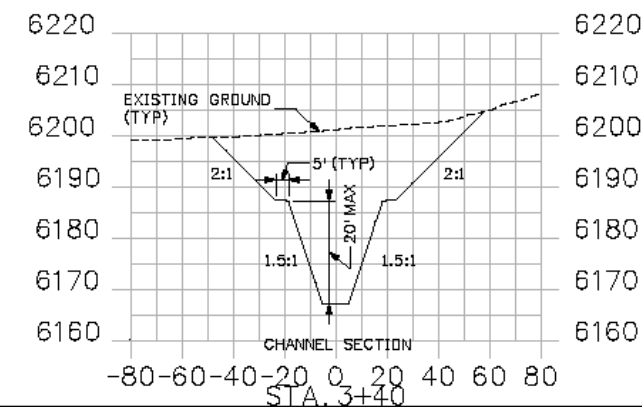
# Next steps

- Accelerated the Replacement Project
- \$500,000 approved by PPRTA
- Schanel Construction is currently working on Phase 1 of the construction and stabilization
- HDR Engineering is working on Preliminary Design
- Multiple options
- Bridge structure type will affect schedule









Print Date: 8/24/2015		<div>Sheet Revisions</div> <table><thead><tr><th>Date:</th><th>Comments</th><th>Init.</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		Date:	Comments	Init.													As Constructed		CHESTNUT SECTIONS SHEET		Project No./Code	
Date:	Comments			Init.																				
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Horiz. Scale: 1:40		Vert. Scale: As Noted		Revised:	Designer: XXXXXXXX	Structure: X-XX-KK	Code																	
Unit Information		Unit Leader Initials			Detailer: XXXXXXXX	Numbers: X-XX-KK																		
					Sheet Subject: XXXXXXXX	Subst. Sheet: XXX of XXX		Sheet Number XXX																